

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: New filing

Filing Date:

Applicant: Oscar Kipersztok, et al

Group Art Unit: Unknown

Examiner: Unknown

Title: DIAGNOSTIC SYSTEM AND METHOD FOR
ENABLING MULTISTAGE DECISION
OPTIMIZATION FOR AIRCRAFT PREFLIGHT
DISPATCH

Attorney Docket: 7784-000497COA

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION**

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. **COPIES**

A. _____ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. _____ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

C. ☒ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

D. ☐ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ☒ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☐ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. ☐ See the attached foreign patent office communication from a counterpart foreign application.
2. ☐ English translations are provided.
3. ☐ Other:

C. ☐ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. ☒ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.
10/310,165

Filing Date
December 4, 2002

Art Unit
3663

V. THIS IDS IS BEING FILED UNDER

A. ☒ **37 C.F.R. § 1.97(b):** (check only one box)

1. ☒ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3. ☐ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

4. ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ☐ **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

2. ☐ See the certification below. No fee is required.

C. ☐ **37 C.F.R. § 1.97(d):**

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ☐ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. ☐ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. §

1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or

B. ____ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. ____ Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. STATEMENT UNDER 37 CFR 1.704(d)

The undersigned hereby states that:

____ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A. ____ A check in the amount of \$180.00 is enclosed for the above-identified fee.

B. ____ Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: March 12, 2004

By: 
Mark D. Elchuk, No. 33,686

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Bloomfield Hills, Michigan 48303
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MDE/AGF/dmkd

<p>FORM HDP-1449 (Based on Form PTO-1449)</p> <p>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE CITATION</p> <p>(Use several sheets if necessary)</p> <p>Sheet 1 of 4</p>	ATTORNEY DOCKET NO.	SERIAL No.
	7784-000497COA	To be assigned
	APPLICANT	
	Oscar Kipersztok, et al	
	FILING DATE	GROUP
		Unknown

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,796,206	01/1989	Boscover et al		
2.		4,943,919	07/1990	Aslin et al		
3.		4,954,964	09/1990	Singh		
4.		5,010,487	04/1991	Stonehocker		
5.		5,023,791	06/1991	Herzberg et al		
6.		5,025,392	06/1991	Singh		
7.		5,036,479	07/1991	Prednis et al		
8.		5,099,436	03/1992	McCown et al		
9.		5,111,402	05/1992	Brooks et al		
10.		5,161,158	11/1992	Chakravarty et al		
11.		5,184,312	02/1993	Ellis		
12.		5,270,920	12/1993	Pearse et al		
13.		5,293,323	03/1994	Doskocil et al		
14.		5,396,422	03/1995	Forchert et al		
15.		5,408,412	04/1995	Hogg et al		
16.		5,479,610	12/1995	Roll-Mecak et al		
17.		5,522,026	05/1996	Taylor et al		
18.		5,524,272	06/1996	Padowski et al		
19.		5,544,308	08/1996	Giordano et al		
20.		5,592,614	01/1997	Peters		
21.		5,737,227	04/1998	Greenfield et al		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 4	ATTORNEY DOCKET NO.	SERIAL No.
	7784-000497COA	To be assigned
	APPLICANT	
	Oscar Kipersztok et al	
	FILING DATE	GROUP
		Unknown

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		5,748,846	05/1998	Kirkland et al		
23.		5,796,935	08/19987	Morrison et al		
24.		5,919,267	07/1999	Urnes et al		
24.		5,931,877	08/1999	Smith et al		
25.		5,987,443	11/1999	Nichols et al		
26.		6,003,021	12/1999	Zadik et al		
27.		6,003,808	12/1999	Nguyen et al		
28.		6,012,512	01/2000	Douik et al		
29.		6,064,998	05/2000	Zabloudil et al		
30.		6,067,537	05/2000	O'Connor et al		
31.		6,067,538	05/2000	Zorba et al		
32.		6,073,127	06/2000	Lannert et al		
33.		6,085,184	07/2000	Bertrand et al		
34.		6,122,275	09/2000	Schmidt et al		
35.		6,301,531	10/2001	Pierro et al		
36/		6,505,106	01/2003	Lawrence et al		
36.		6,529,620	03/2003	Thompson, Robert Lee		
36.		6,574,537	06/2003	Kipersztok et al		
37.		6,591,182	07/2003	Cece et al		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 3 of 4	ATTORNEY DOCKET NO.	SERIAL No.
	7784-000497COA	To be assigned
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	Oscar Kipersztok et al	
	FILING DATE	GROUP
		Unknown

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
38.		U.S. patent application serial No. 10/375,814		Kipersztok et al		02/2003
39.		6,606,546	08/2003	Sinex		
40.		6,633,801	10/2003	Durlacher et al		
41.		US-2003/0195675 A1	10/2003	Felke et al		
42.		US-2003/0191563 A1	10/2003	Eagleton et al		
43.		6,643,569	11/2003	Miller et al		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)						
Ref. Desig.	Examiner's Initials					
1.		HAIQIN WANG & MAREK J. DRUZDZEL, Decision Systems Laboratory, School of Information Sciences and Intelligent Systems Program, University of Pittsburgh, Pittsburgh, PA 15260; <i>User Interface Tools for Navigation in Conditional Probability Tables and Elicitation of Probabilities in Bayesian Networks</i> ; 9 pages				
2.		MAX HENRION, Department of Engineering and Public Policy, and Department of Social and Decision Science, Carnegie Mellon University, Pittsburgh, PA 15213; <i>Practical Issues in Constructing a Bayaes' Belief Network</i> ; pages 132-139				

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	7784-000497COA	To be assigned
	APPLICANT	
	Oscar Kipersztok et al	
	FILING DATE	GROUP
		Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
3.		S.O. LAURITZEN & D.J. SPIEGELHALTER, <i>Local Computations with Probabilities on Graphical Structures and Their Application to Expert Systems</i> ; 1988 Royal Statistical Society; pages 415-448

Examiner:	Date Considered:
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